

Date & Time : 9:30 ~ 12:30 (Japan Time), **March 4, 2021**
Online (ZOOM) : <https://zoom.us/j/8785448946?pwd=Q0N3M0ZDVCsvRHkram5zUUxVUVFZQT09>
Meeting ID: 878 544 8946 / **Passcode:** 1f2Vcb
Language : English

RESEARCH SEMINAR ON URBAN HEAT & WIND ENVIROMENTS

Research Progress & Achievements of 5 Projects in 2020

Joint Usage/Research Center Program by Ministry of Education,
Culture, Sports, Science and Technology, Japan



9:30 ~ 9:35	Introduction to the purpose of the research seminar
9:35 ~ 9:55	Prediction of urban climates in the 2050s and comparison of regional characteristics of urban warming in major cities in China and Japan Zheng Wang & Erina Chiba (Tohoku University)
10:00 ~ 10:20	Prediction of thermal environments in compact city models and investigation of cost effectiveness Satoru Iizuka & Akari Hashizume (Nagoya University), Yingli Xuan (Tokyo Polytechnic University)
10:25 ~ 10:45	Application of WRF-UCM models to the simulation of urban strong wind field in a typhoon Shuyang Cao & Yuxin Zhang (Tongji University)
10:50 ~ 11:10	Study on the parameterization and aerodynamic effects of non-uniform buildings Biao Li (Harbin Institute of Technology), Yingli Xuan (Tokyo Polytechnic University)
11:15 ~ 11:35	Estimation of high-percentile wind speed based on the Weibull distribution: Case study of the pedestrian-level wind environment around an isolated building Wei Wang & Tsubasa Okaze (Tokyo Institute of Technology)
11:40 ~ 12:00	Research on wind-driven rain intensity distribution at building facade Huibo Zhang, Chao Chen, Tianda Qian (Shanghai Jiao Tong University), Yingli Xuan (Tokyo Polytechnic University)
12:05 ~ 12:25	Comparisons of the body's thermoregulation system in different climates based on subject experiments in a climate chamber Yingli Xuan (Tokyo Polytechnic University)
12:25 ~ 12:30	Closing Remarks



Wind Engineering Research Center, Tokyo Polytechnic University
TEL : +81) 046-242-9658
E-mail : jurc_office@arch.t-kougei.ac.jp
1583 Iiyama, Atsugi, Kanagawa, 243-0297, Japan

